

FIG. 1
(PRIOR ART)

HUFFMAN CODING OF AC COEFFICIENTS
& DC COEFFICIENT DIFFERENCES

CATEGORY/S	AC COEFFICIENTS	PRECISION
0	0	8
1	-1,1	12
2	-3,-2,2,3	12
3	-7,,,,-4,4,,,,7	12
4	-15,,,,-8,8,,,,15	12
5	-31,,,,-16,16,,,,31	12
6	-63,,,,-32,32,,,,63	12
7	-127,,,,-64,64,,,,127	12
8	-255,,,,-128,128,,,,255	12
9	-511,,,,-256,256,,,,511	12
10	-1023,,,,-512,512,,,,1023	12
11	-2047,,,,-1024,1024,,,,2047	12
12	-4095,,,,-2048,2048,,,,4095	12
13	-8191,,,,-4096,4096,,,,8191	12
14	-16383,,,,-8192,8192,,,,16383	12
15	-32767,,,,-16384,16384,,,,32767	12

FIG. 1A

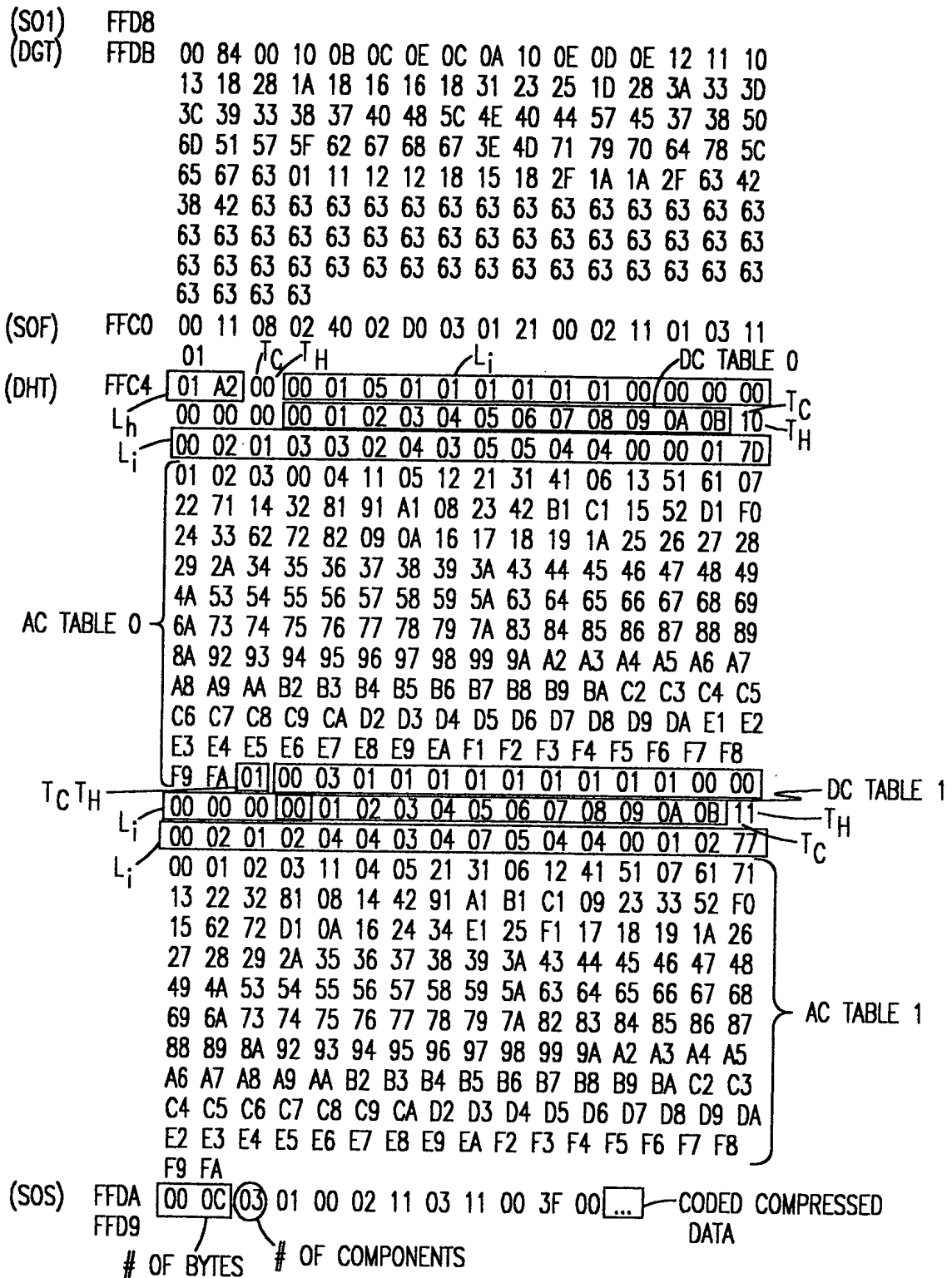


FIG. 2
(PRIOR ART)

R/S	CATEGORY (=S)	CODE LENGTH	CODE WORD
0/0	0	2	00
0/1	1	3	010
0/2	2	3	011
0/3	3	3	100
.	4	3	101
.	5	3	110
.	6	4	1110
	7	5	11110
	8	6	111110
	9	7	1111110
	10	8	11111110
0/11	11	9	111111110

FIG. 3
(PRIOR ART)

R/S	CATEGORY (=S)	CODE LENGTH	CODE WORD
0/0	0	2	00
0/1	1	2	01
0/2	2	2	10
0/3	3	3	110
.	4	4	1110
.	5	5	11110
.	6	6	111110
	7	7	1111110
	8	8	11111110
	9	9	111111110
	10	10	1111111110
0/11	11	11	11111111110

FIG. 4
(PRIOR ART)

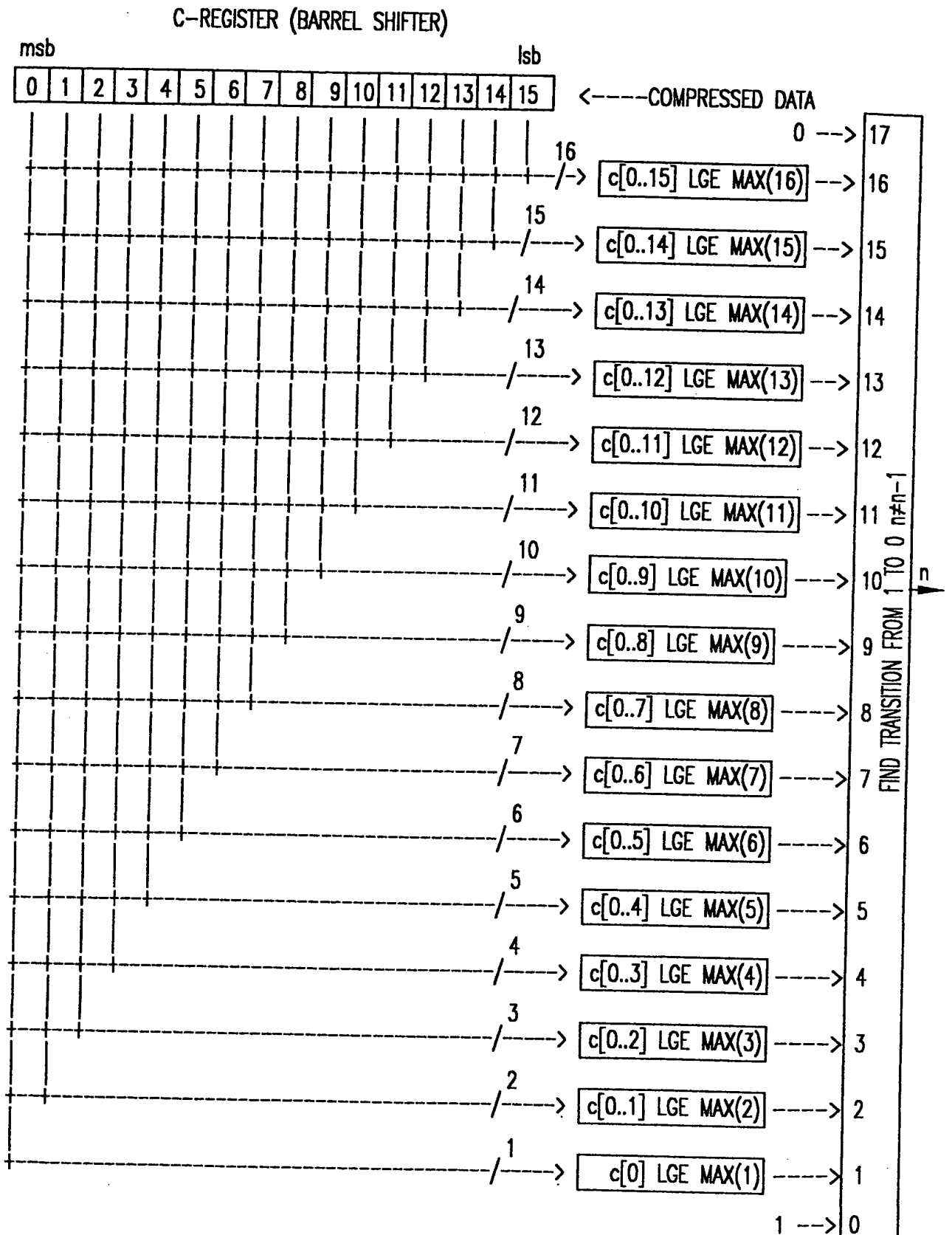


FIG. 5

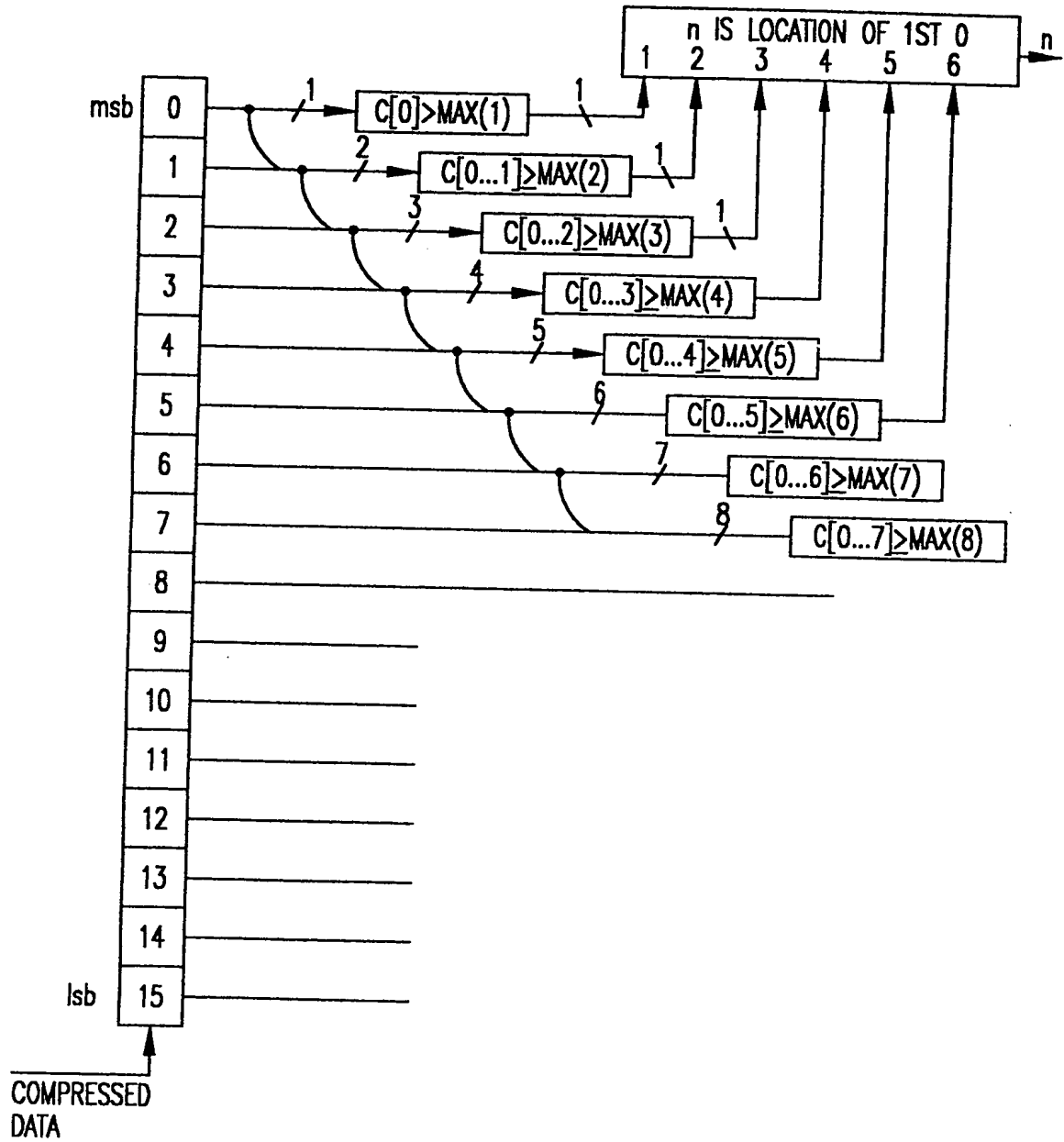


FIG. 5A

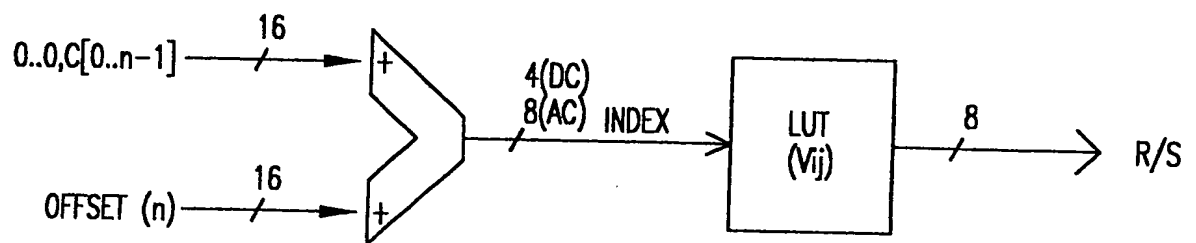


FIG. 6

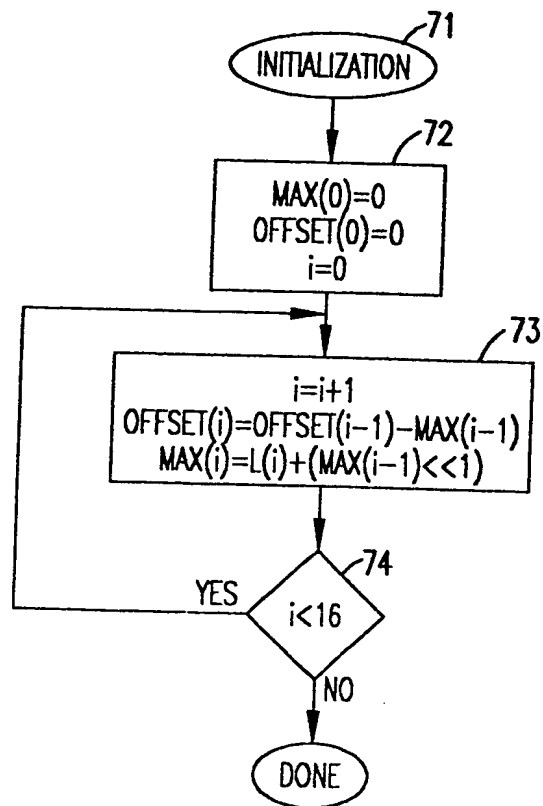


FIG. 7

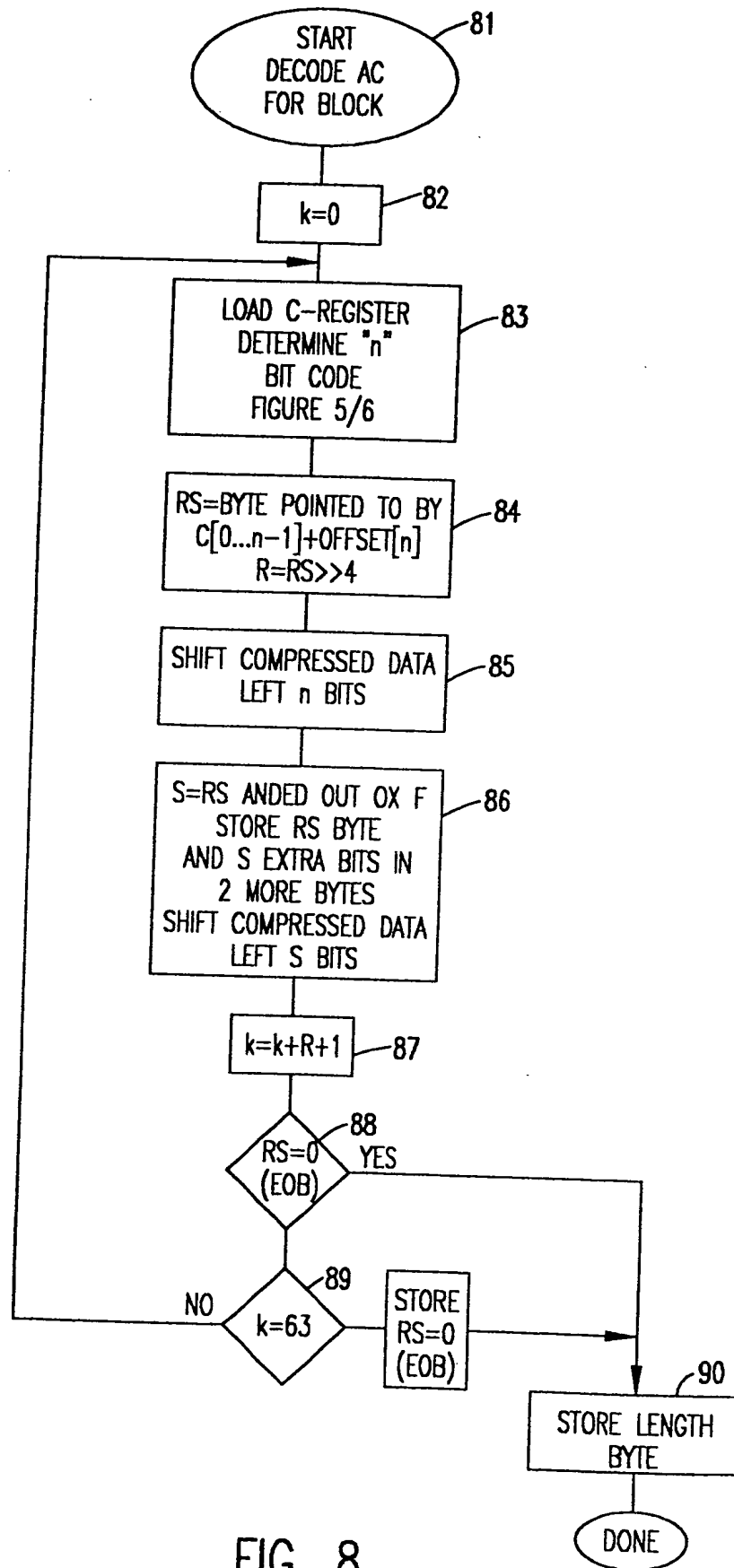


FIG. 8

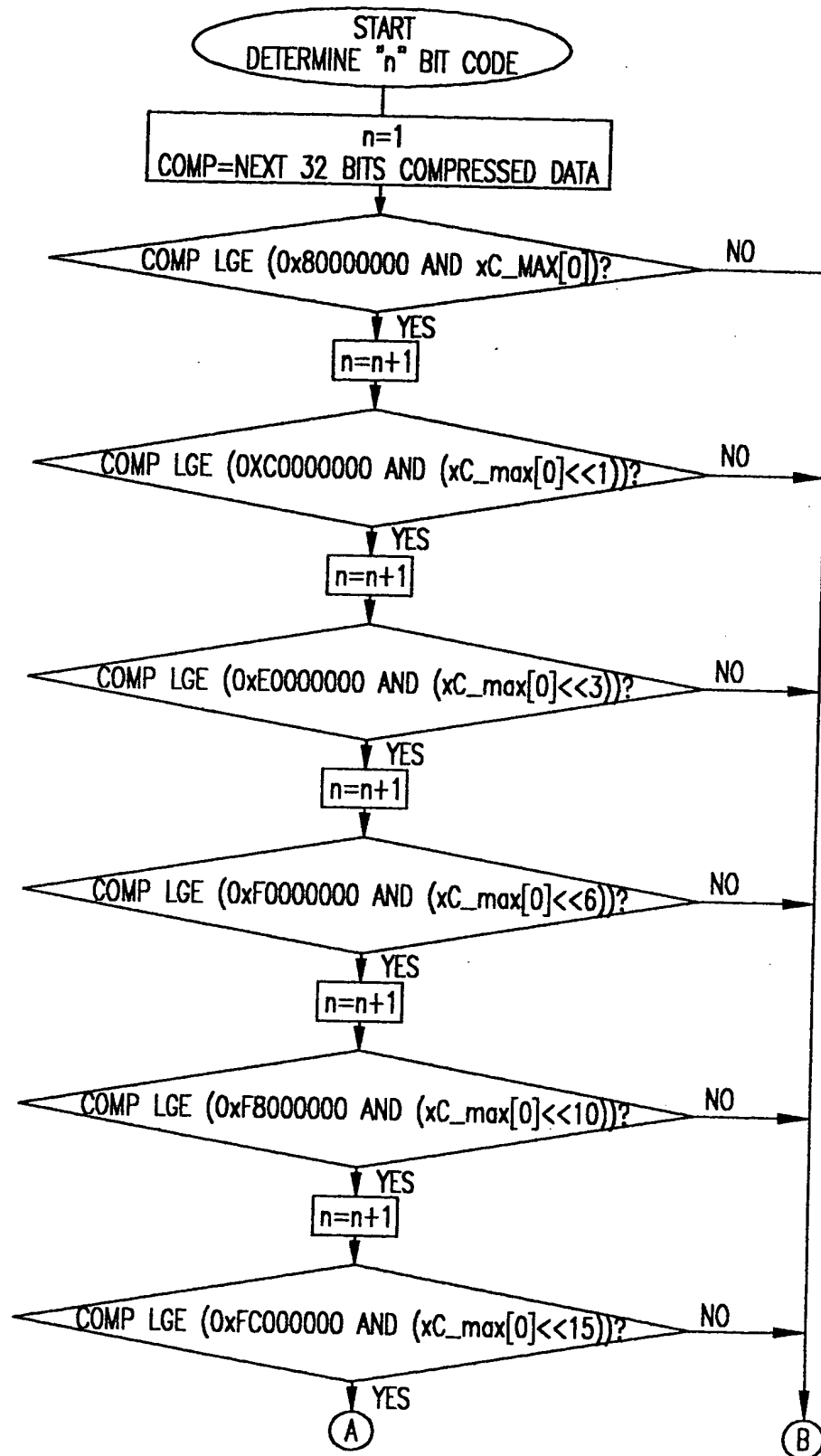


FIG. 9A

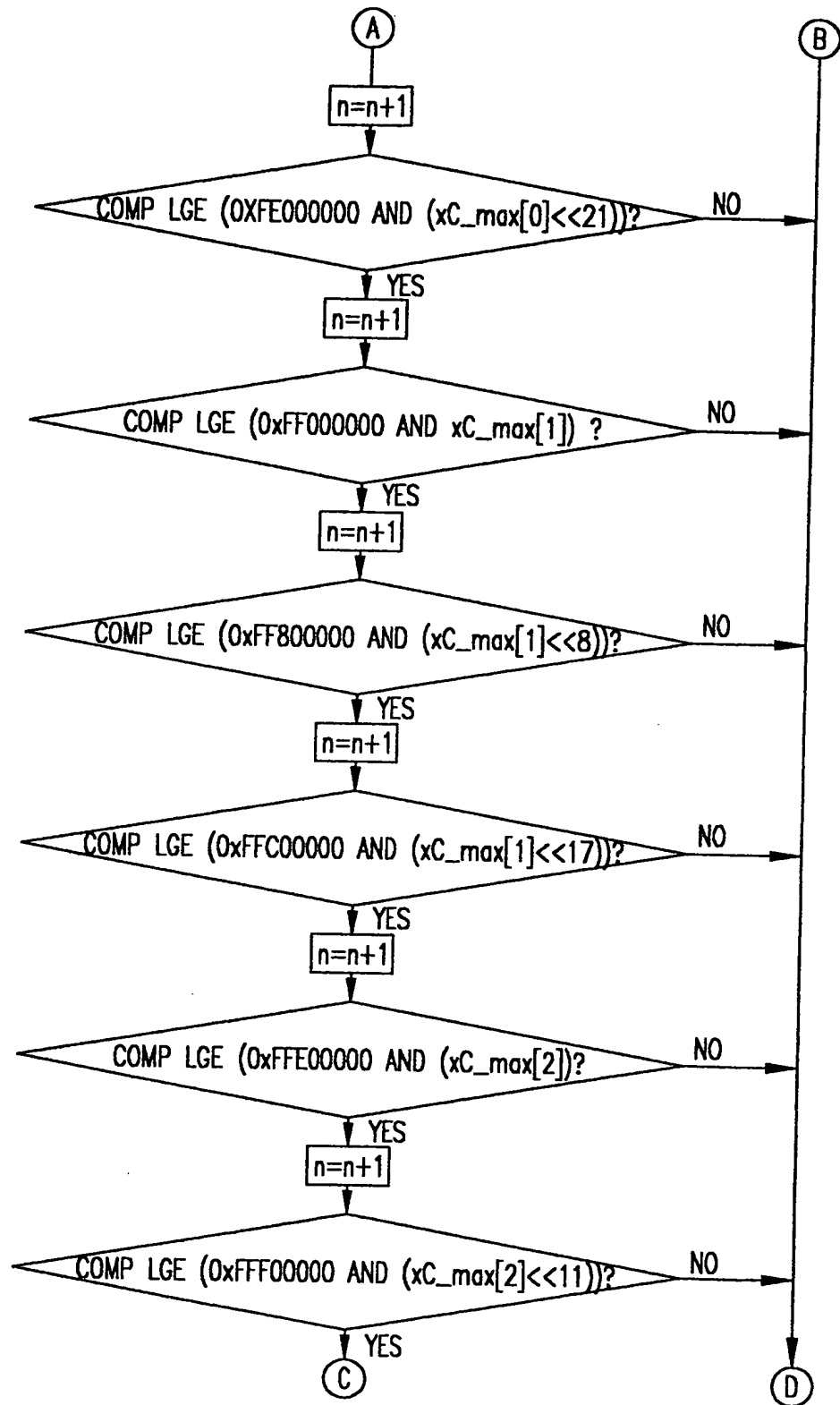


FIG. 9B

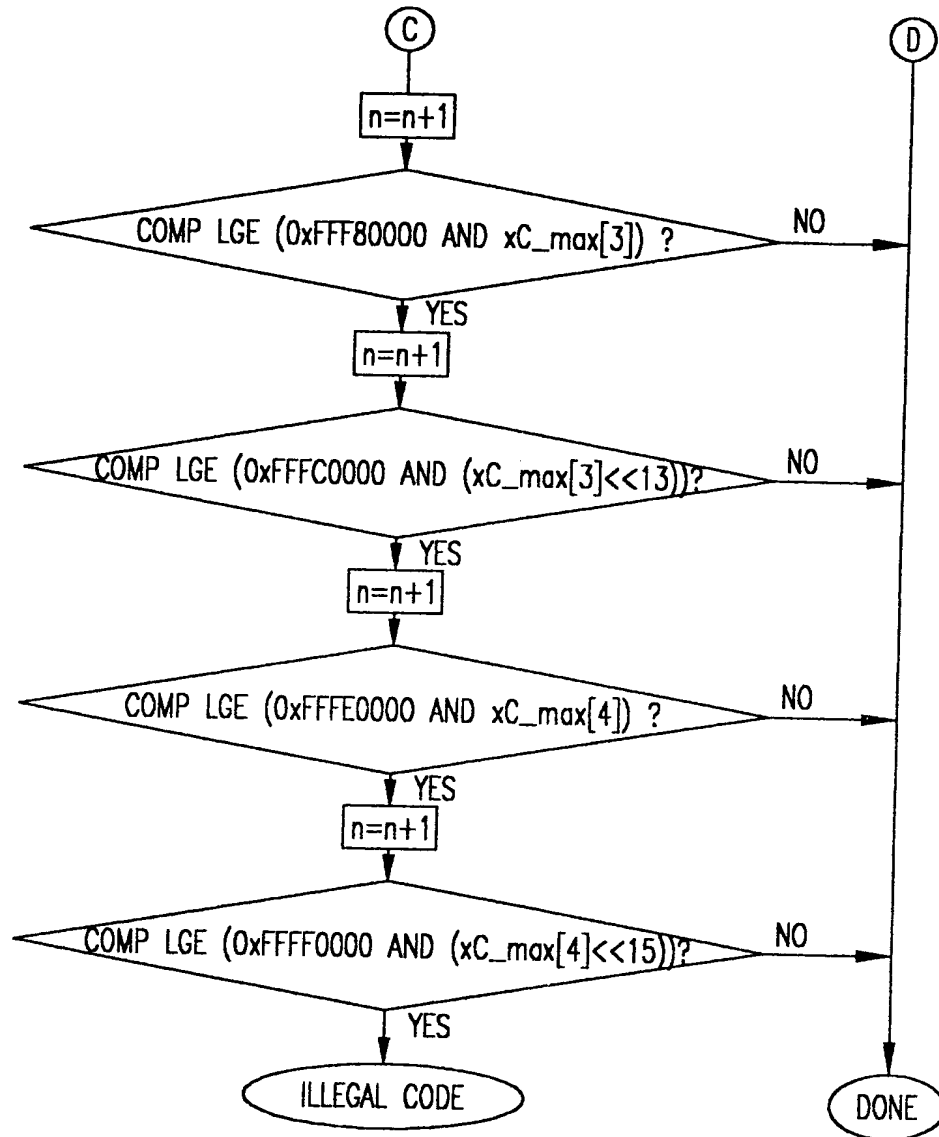


FIG. 9C

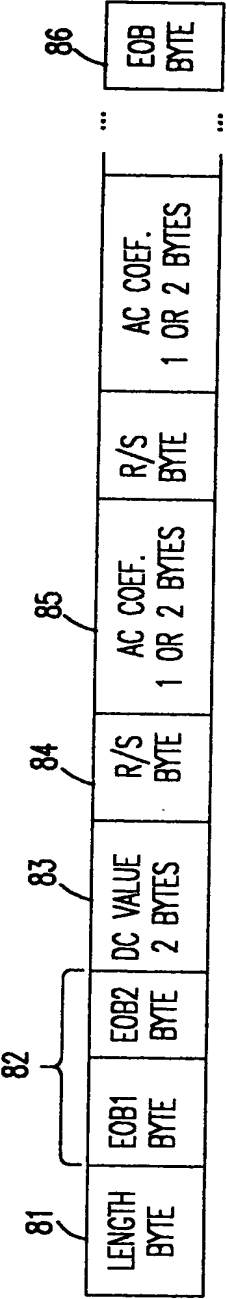


FIG. 10

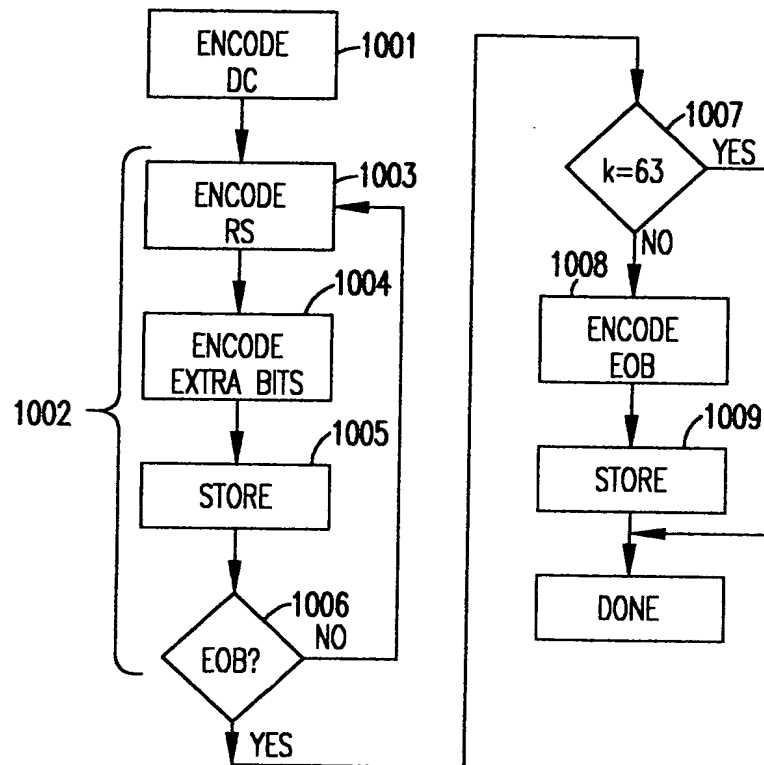


FIG. 11

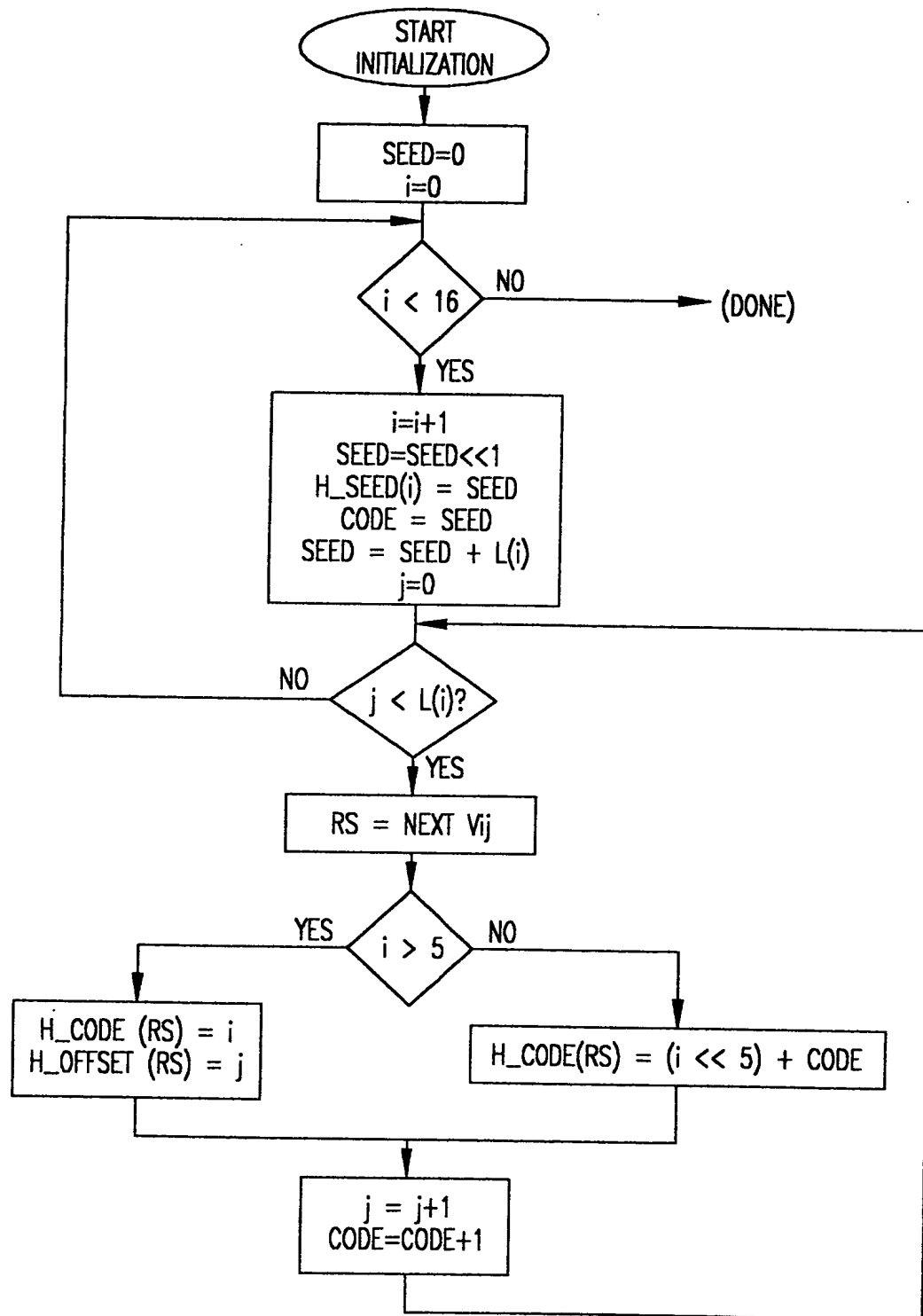


FIG. 12

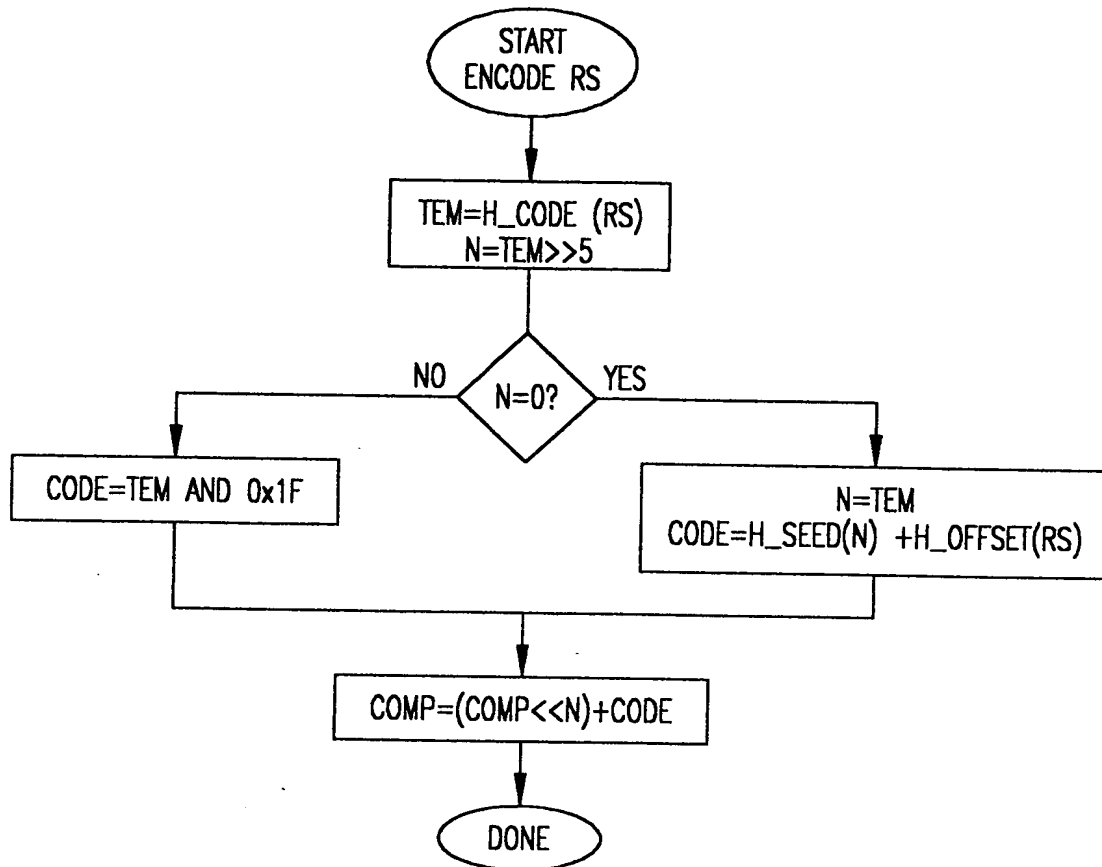


FIG. 13